



Cat. No. 60-4239

Trespasser

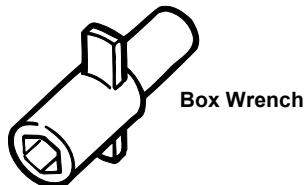
Your RadioShack Trespasser's double wishbone front suspension and spiked tires give it good traction on almost any terrain. Built to $\frac{1}{8}$ scale, it can reach speeds of up to 850 feet per minute. The rear wheel differential gear lets you take smooth, sharp corners.

The vehicle's proportional speed and steering give you precise control over the vehicle, anywhere it goes. A special circuit prevents malfunction due to a voltage drop when the vehicle starts or stops.

Your Trespasser is available in four frequencies to let you race against other radio-controlled cars. Check your vehicle's box to see which frequency it uses.

Note: You need six AA batteries for the transmitter, at least one 7.2V battery pack for the vehicle, and a battery pack charger. (Batteries, battery pack, and battery charger sold separately.)

The supplied box wrench lets you easily remove and replace the vehicle's wheels. Be careful not to discard it when you unpack the vehicle.

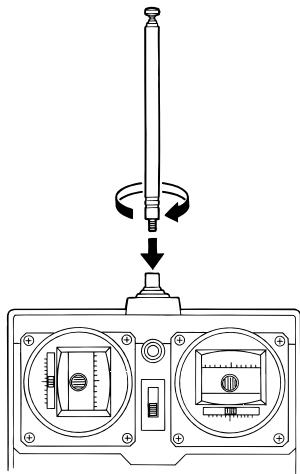


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PREPARATION

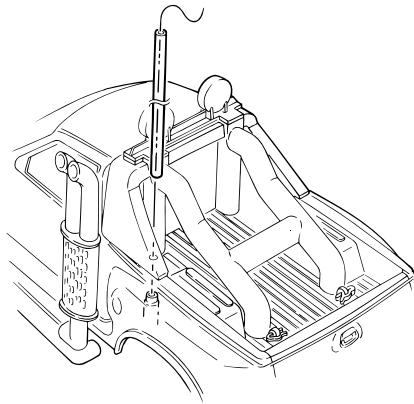
Attaching the Transmitter's Antenna

Thread the antenna into the transmitter's antenna connector. Make sure the connection is tight.



Installing the Antenna Tube

The antenna tube holds up the vehicle's antenna wire for the best reception and range. Route the antenna wire's loose end through the tube. Then insert the tube securely into the vehicle's antenna tube holder.



INSTALLING BATTERIES

Warning: Dispose of batteries and the battery pack promptly and properly; do not bury or burn them.

Cautions:

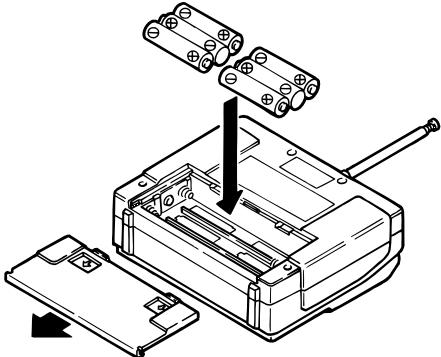
- Use only fresh batteries and a fresh battery pack of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

- If you will not be using the vehicle for a week or more, remove the batteries from the transmitter and the battery pack from the vehicle. Batteries can leak chemicals that can damage electronic parts.
- Never leave dead or weak batteries in the vehicle (or a dead or weak battery pack in the transmitter).

In the Transmitter

The transmitter requires six AA batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Follow these steps to install the transmitter's batteries.



1. Slide the transmitter's ON/OFF switch to OFF.
2. Press down and slide the battery compartment cover in the direction of the arrows marked on it to remove it.
3. Put the batteries in the compartment as indicated by the polarity symbols (+ and -) marked inside.

4. Replace the cover and snap it shut.

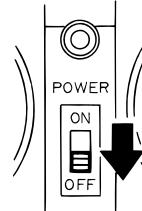
When the transmitter's range decreases, replace its batteries.

In the Vehicle

Your Trespasser requires a rechargeable 7.2V battery pack (not supplied) for power. For the best performance and longest life, we recommend RadioShack battery packs. Before you use the battery pack, you must charge it using a special battery charger. Follow the charger's instructions to charge the battery pack.

Follow these steps to install the vehicle's battery pack.

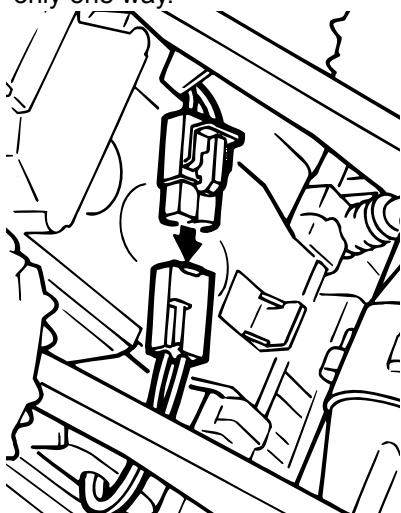
1. Slide the vehicle's ON/OFF switch under the vehicle to OFF.
2. Lift the battery compartment's tab and slide the cover in the direction of the arrow marked on it. Then lift open the cover.



3. Put the battery pack in the compartment with the connector's side down and away from the vehicle's connector, but inside the vehicle's frame.



4. Close the cover and snap it shut.
5. Attach the battery pack's connector to the vehicle's matching connector. Do not force them. They fit together only one way.



Caution: Be sure the connectors and wires do not touch any of the Trespasser's moving parts.

If the Trespasser loses power or does not respond to the transmitter, recharge the battery pack.

To remove the battery pack, unplug the connectors and open the cover as described in Step 2. Then slide the pack toward the pack's connector and lift the other side of the battery pack.

Note: If you want to run your vehicle for extended periods, we suggest you purchase an extra battery pack. You can charge one while you use the other.

Cautions:

- Use only the recommended battery pack and charger.
- Do not charge or recharge the battery pack while it is in the vehicle.
- After you charge or recharge the battery pack, disconnect it from the charger. Overcharging the battery pack could damage it.
- When you disconnect the battery pack from the charger, do not pull on the connector's wires. You might damage the battery pack.

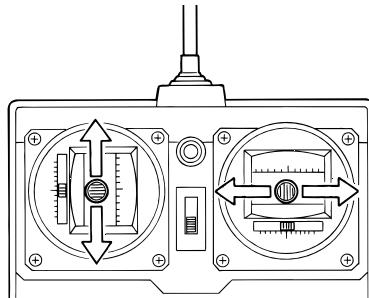
Note: Occasionally, let the battery pack fully discharge before recharging it. Otherwise, the battery pack loses its ability to fully charge.

Important: At the end of the battery pack's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area. Some options that might be available are: municipal curb-side collection, drop-off boxes at retailers such as your local RadioShack store, recycling collection centers, and mail back programs.

DRIVING THE TRESPASSER

Warnings:

- This vehicle can reach higher speeds than most radio-controlled cars. Be careful when you use the vehicle to avoid high-impact collisions with people and objects.
 - Do not play with your Trespasser in the street.
1. Extend the transmitter's antenna to its full length.
 2. Slide the **ON/OFF** switches on the transmitter and the vehicle to **ON**.
 3. Use the transmitter's control levers to drive and steer the Trespasser.



Left Control Lever (Speed Control)

- Push forward to move forward.
- Pull back to move backward.
- Release to stop.

Note: The farther you push or pull the speed control, the faster the vehicle goes.

Right Control Lever (Steering Control)

- Push left to move left.
- Push right to move right.
- Release to go straight.

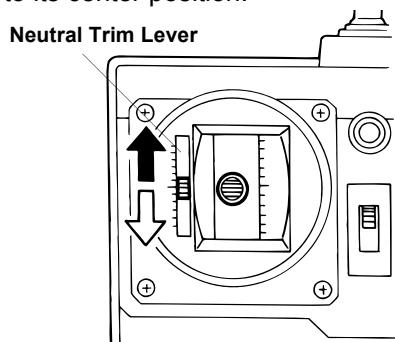
Caution: If the Trespasser gets stuck under an object, immediately release the transmitter's control levers and retrieve the vehicle.

4. When you finish playing with the Trespasser, slide the **ON/OFF** switches on the vehicle and the transmitter to **OFF**.

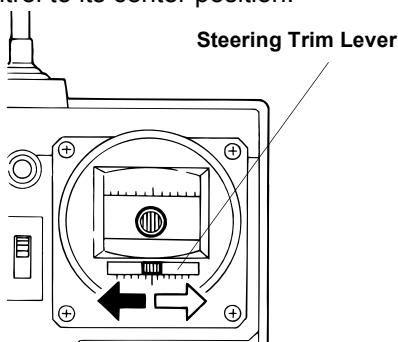
Warning: Do not touch the motor immediately after using the vehicle, as it will become hot during use.

ADJUSTING THE TRIM LEVERS

The neutral trim lever (next to the left control lever) lets you fine-tune the speed control so the vehicle completely stops when you release the speed control to its center position.



The steering trim lever (next to the right control lever) lets you fine-tune the steering so the vehicle drives in a straight line when you set the steering control to its center position.



Follow these steps to adjust the trim levers.

1. Place the vehicle on a block or turn it over so the tires do not touch the ground.

Note: Do not touch the tires during this adjustment.

2. Slide the **ON/OFF** switches on the transmitter and vehicle to **ON**.
3. If the tires move, adjust the neutral trim lever up or down until the tires stop.
4. If the front tires angle left or right, adjust the steering trim lever left or right until the tires are aligned as desired.
5. When you finish the adjustments, slide the **ON/OFF** switches on the transmitter and the vehicle to **OFF**.

Note: You might have to further fine-tune the steering trim lever after using the vehicle for a while.

HELPFUL HINTS

These hints can help you get the most enjoyment from your Trespasser.

- Running your vehicle continuously for long periods generates high heat levels. Heat causes wear and tear on the motor. To help keep heat levels down, when your vehicle's battery pack runs down, let the vehicle cool for at least 10 minutes before installing a new or newly charged battery pack.
- If someone uses a CB nearby, it might interfere with control of the racer. If this happens, move the vehicle and transmitter away from the CB.
- If the vehicle moves slowly and you have installed a fully charged battery pack, check the wheel mechanisms for lint, thread, hair or dust.

RACING TWO OR MORE CARS TOGETHER

The Trespasser and other radio-controlled cars use specific frequencies to operate. Cars with different control frequencies can race together without interference. Cars with the same frequency cannot.

The following chart shows the control frequencies for your Trespasser. If you buy more than one vehicle and you plan to race them, check the stickers on the boxes to be sure they are different band numbers/colors for different frequencies.

Band	Frequency (in MHz)	Sticker Color
1	26.995	Brown
2	27.045	Red
3	27.095	Orange
5	27.195	Green

CARE

The following suggestions will help you care for your RadioShack Trespasser so you can enjoy it for years.

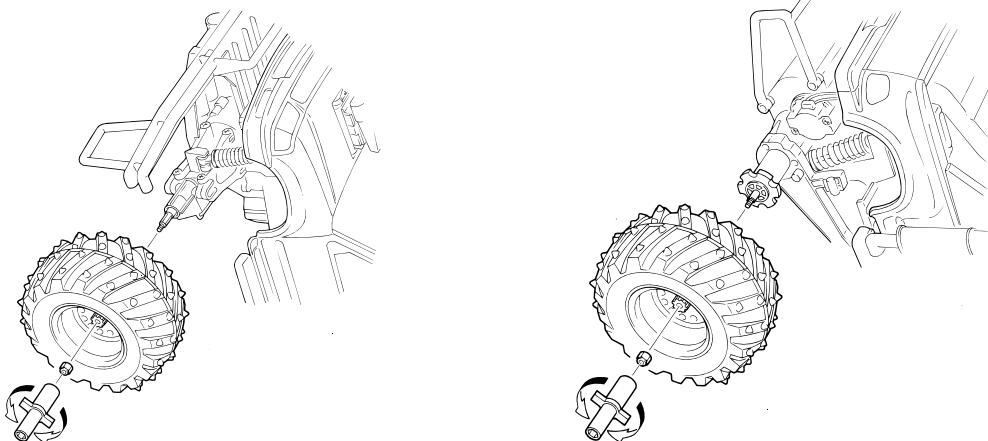
- Do not drive the truck through puddles or mud, on a wet floor, or in sand, rain, or snow. These can damage it.
- Do not expose the truck or transmitter to temperature extremes, and do not store them in direct sunlight or near a heat source.
- Do not leave the truck or transmitter outside overnight. Night dampness can damage their electronic circuits.
- To protect the truck's mechanisms from lint and hair, do not drive the truck on carpet.
- Wipe the truck and transmitter with a damp cloth occasionally to keep them looking new. Do not use harsh chemicals to clean them.

Modifying or tampering with the truck's or transmitter's internal components can cause a malfunction and might invalidate the truck's warranty and void your FCC authorization to operate it. If your truck is not performing as it should, take it and the transmitter to your local RadioShack store for assistance.

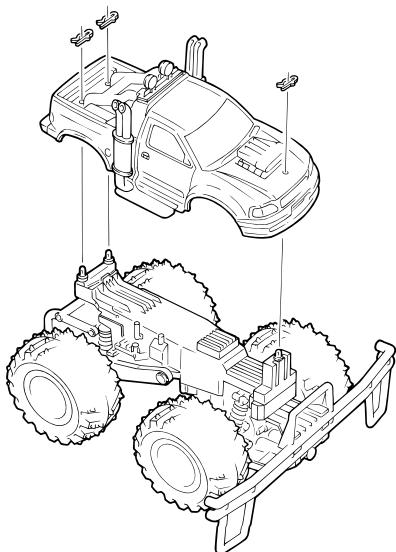
User-Replaceable Parts

You can order replacement parts or parts sets for your vehicle at your local RadioShack store. Simply identify the part(s) or set(s) you need from the exploded view, then find the part number in the chart below.

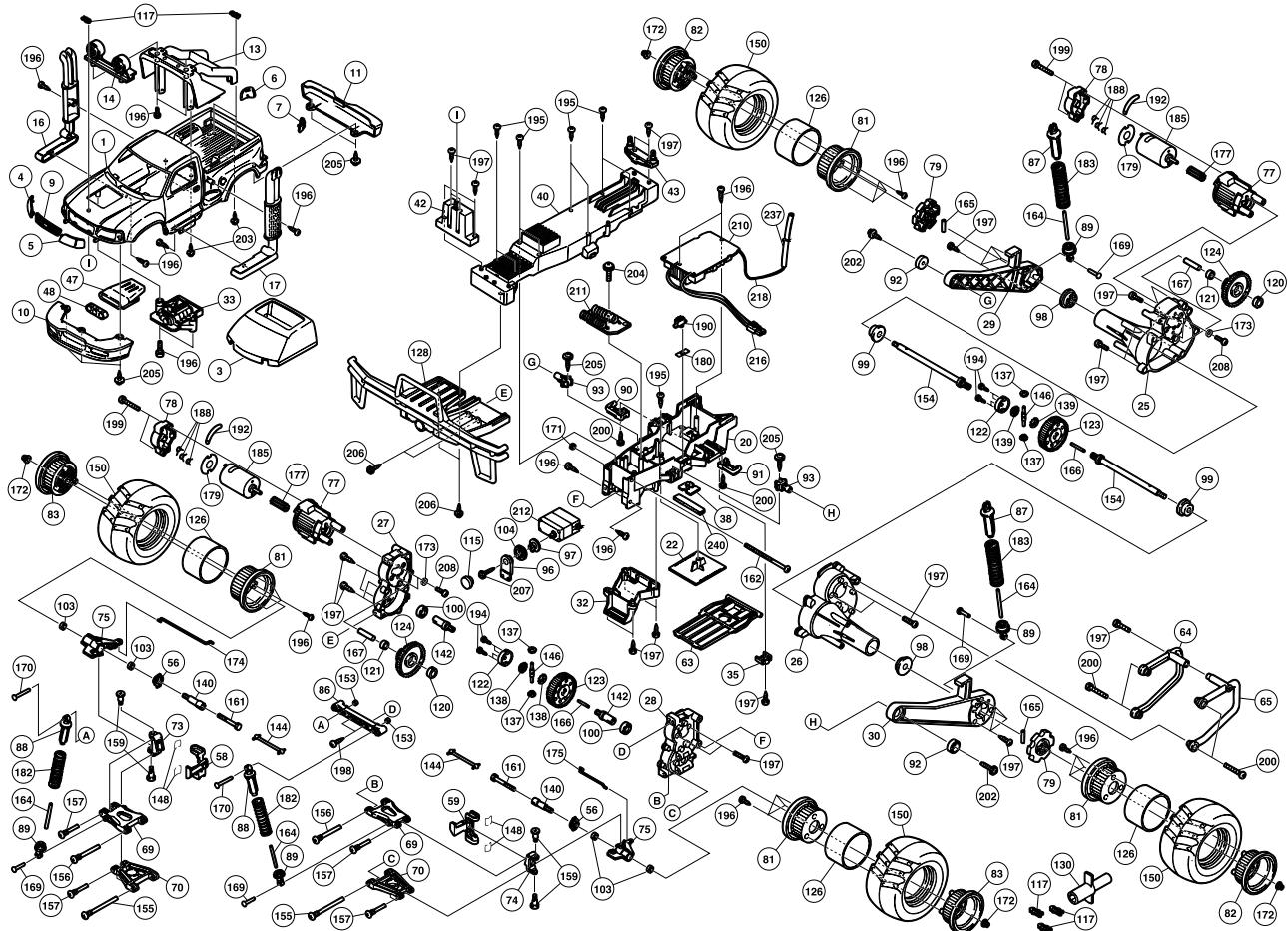
Installing the Tire and Wheel Sets



Installing the Body Set/Snap Pin Set



TRUCK PARTS



NP #	RSU #	Description	Reference #
Z-92045	12184875	Body Assembly	1, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 16, 17, 33, 47, 48, 195, 196, 203, 205, 250
A-0039	10537710	*Transmitter Antenna	
HC4899	10681781	Antenna Tube Set	237
HC-6487	10689321	Snap Pin Set	117
Z-00284	11665015	Front Tires and Wheels Set	81, 83, 126, 150, 196
Z-92046	12184883	Rear Tires and Wheels Set	81, 82, 126, 150, 172, 196
Z-92047	12184891	Front Bumper	128
RA-90371	12184909	Gear Box Set	25, 26, 27, 28, 197
MD-91002	12184917	Power Motor Set	77, 177, 179, 185, 188, 192, 197, 208
HD-90106	12184925	Screw Set	155, 156, 157, 159, 162, 171, 172, 196
RA-90372	12184909	Servo Saver and Plastic Bearing	96, 97, 98, 99, 104, 207
RA-90373	12154941	Front Gear Set	120, 121, 122, 123, 124, 137, 138, 166, 194
RA-90374	12184958	Rear Gear Set	120, 121, 122, 123, 124, 137, 139, 146, 166, 194
DB-91057	12184966	Battery Lid Set	35, 63, 197
RA-90375	12184974	Damper Set	86, 87, 88, 89, 153, 164, 170, 182, 183
RA-90376	12184982	Suspension Arm Set	69, 70, 169

*Not pictured.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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